

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



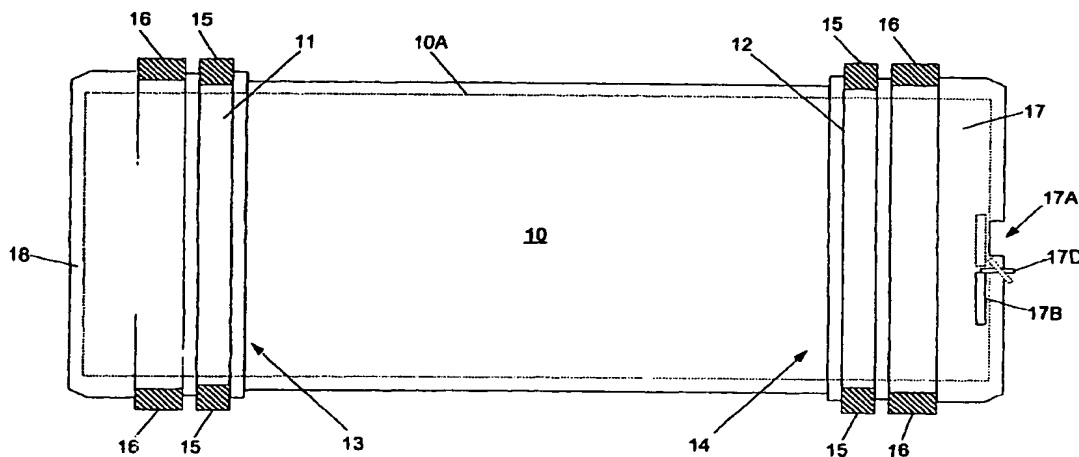
(43) International Publication Date  
11 December 2003 (11.12.2003)

PCT

(10) International Publication Number  
**WO 03/101867 A1**

- (51) International Patent Classification<sup>7</sup>: **B65G 51/04**, 51/06, 51/36, 51/42
- (21) International Application Number: PCT/AU03/00699
- (22) International Filing Date: 4 June 2003 (04.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
PS 2743 4 June 2002 (04.06.2002) AU  
60/406,937 27 August 2002 (27.08.2002) US
- (71) Applicant (for all designated States except US): **LAMSON CONCEPTS PTY LIMITED** [AU/AU]; Unit 7, 14-38 Bellona Avenue, Regents Park, New South Wales 2143 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MENDAY, Malcolm, John** [AU/AU]; Unit 6, 204 Beach Street, Coogee, New South Wales 2034 (AU). **HIGGINS, David, Robert** [AU/AU]; 80 Dinwoodie Road, Thornlands, Queensland 4164 (AU).
- (74) Agents: **COWLE, Anthony, John et al.**; DAVIES COLLISON CAVE, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SECURITY SYSTEM



(57) **Abstract:** The present invention relates to apparatus for transferring security documents. The apparatus is formed from a carrier adapted for use in an air tube system capable of transporting the carrier from a source to a destination. The carrier includes a substantially cylindrically shaped housing (10) which cooperates with the tube to allow the carrier to be transported. The housing includes an internal cavity (10A), and is coupled to a lid (17) and a base (18) to enclose the cavity. The lid includes an aperture (17A) to allow documents to be inserted into the cavity, with the base being removable via a lock to allow the security documents to be removed. The invention also claims an air tube system for transferring security documents, the system including a controller adapted to control a number of control stations (21A, 21B, ...21G) for selectively transferring carriers along interconnecting tubes between loading stations and destination stations.

WO 03/101867 A1